



## **AGENDA MEMORANDUM**

Future Item for the City Council Meeting of January 16, 2018  
Action Item for the City Council Meeting of January 23, 2018

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**DATE:** January 8, 2018

**TO:** Margie C. Rose, City Manager

**THRU:** Mark Van Vleck, Assistant City Manager  
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**FROM:** Jeff H. Edmonds, P.E., Director of Engineering Services  
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<p style="text-align: center;"><b><u>Construction Contract</u></b> <b>Staples Street from Kostoryz Road to Brawner Parkway</b> <b>Bond 2012 Proposition 1</b></p>
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**CAPTION:**

Motion authorizing the City Manager, or designee, to execute a construction contract with Reytec Construction Resources, Inc., of Houston, Texas in the amount of \$10,715,524.30 for Staples Street from Kostoryz Road to Brawner Parkway for Base Bid 1 (PCC). (Bond 2012 Proposition 1)

**PURPOSE:**

The purpose of this agenda item is to obtain authority to execute a construction contract for the Staples Street from Kostoryz Road to Brawner Parkway Project.

**BACKGROUND AND FINDINGS:**

This project was approved in the Bond 2012 Proposition 1 Street Projects by the community in the general election held on November 6, 2012.

**Bond 2012 Brochure description:** "South Staples Street from Brawner Parkway to Kostoryz Road includes reconstruction and replacement of existing 5-lane road, wide sidewalks, curb and gutters, ADA curb ramps, lane striping, pavement markings, and bus stop rehabilitation."

For Bond 2018 (Proposition 1), it is proposed to reconstruct Staples Street from Kostoryz Road to Baldwin Boulevard. Staples Street from Baldwin Boulevard to 6-Points recently received an overlay surface treatment, which will complete the Staples Street Upgrade.

## **Project Scope:**

This project provides for reconstruction of Staples Street from Kostoryz Road to Brawner Parkway (approximately 1-mile) within existing right-of-way. Work include full-depth reconstruction of the 5-lane roadway with new sidewalks, ADA ramps, curb & gutter, traffic signal upgrades, RTA bus pads, area lighting upgrades, pavement markings and signage. Utility improvements include water, wastewater, gas, storm water and new IT conduit.

The existing 5-lane section of Staples is 72.8' back of curb to back of curb with lane widths of 19.8', 10.7', 10.4', 10.4', and 21.5'. The new roadway will be 60' back of curb to back of curb with lane widths of 12.5', 11', 12', 11', and 12.5' respectively. The reduced pavement requires removing on-street parking fronting Ray High School, which was specifically discussed and accepted by Corpus Christi Independent School District and Ray High School staff. Parking on arterials is not recommended at any time. This pavement reduction reduces construction and future maintenance cost while providing improved traffic and pedestrian safety. The more balanced lane widths improve traffic management and safety. The narrower pavement allows wider buffered sidewalks 10' on the school side and 8' on the opposite side and further improves pedestrian safety with less pavement crossing. This section is not included in the Mobility Plan for bicycle facilities.

The project was developed with two base bids plus one additive alternate as described below:

Base Bid 1 – Portland Cement Concrete (PCC) with full reconstruction, traffic signal upgrades, lighting upgrades, utility improvements, pavement markings and signage. A new 6" natural gas line is included that will be installed by City crews.

Base Bid 2 – Hot-Mix-Asphalt-Concrete (HMAC) with full reconstruction, RTA bus pads, traffic signal upgrades, lighting upgrades, utility improvements, pavement markings and signage. A new 6" natural gas line is included that will be installed by City crews.

Additive Alternate No. 1 – Requires the contractor to install the new 6" HP gas line in lieu of City crews.

On November 8, 2017, the City received five bids are as follows:

<b>Contractor</b>	<b>Base Bid 1 (PCC)</b>	<b>Base Bid 2 (HMAC)</b>
<b>Reytec Construction Resources</b> Houston, Texas	<b>10,715,524.30</b>	No Bid
J. Carroll Weaver Sinton, Texas	12,148,227.56	10,514,815.07
Bay, LTD, Corpus Christi, Texas	12,538,664.23	10,704,568.12
Haas-Anderson Construction Corpus Christi, Texas	No Bid	11,172,042.70
Clark Pipeline Services, Corpus Christi, Texas	No Bid	12,375,002.71
<b><i>Engineer's Opinion of Probable Cost</i></b>	<b><i>\$11,751,000</i></b>	<b><i>\$10,271,000</i></b>

Based on Engineering Services policy for award recommendations, the lowest responsive and responsible bidder is Reytec Construction Resources, Inc. for Base Bid 1 (PCC pavement).

Engineering Services policy for award recommendations is to recommend PCC pavement if the PCC cost per lane mile is with \$100,000/lane-mile of the HMAC bid. This project has approximately 4.8 lane-miles which equates to a \$483,000 differential (higher price for PCC) over HMAC. The lowest HMAC bid is \$200,709 below the lowest PCC bid, therefore Engineering Services recommends the award of Base Bid 1 only (PCC Pavement).

**ALTERNATIVES:**

1. Authorize execution of a construction contract. (Recommended)
2. Do not authorize execution of a construction contract. (Not Recommended)

**OTHER CONSIDERATIONS:**

Freese and Nichols is the design engineer that was selected for this project under Request for Qualifications No. 2012-03.

**CONFORMITY TO CITY POLICY:**

Complies with statutory requirements for construction and professional service contracts. Conforms to FY 2017-2018 Street Capital Improvement Planning (CIP) Budget.

**EMERGENCY / NON-EMERGENCY:**

Not applicable

**DEPARTMENTAL CLEARANCES:**

Street Department

**FINANCIAL IMPACT:**

☐ Operating      ☐ Revenue      ☒ Capital      ☐ Not applicable

<b>Fiscal Year 2017-2018</b>	<b>Project to Date Budget and Expenditures</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Budget	1,124,912.69	12,509,473.92		13,634,386.61
Encumbered / Expended Amount	1,124,912.69			1,124,912.69
<b>This item</b>		<b>10,715,524.30</b>		<b>10,715,524.30</b>
Future Anticipated Expenditures This Project		1,708,984.61		1,708,984.61
BALANCE	0.00	84,965.01		84,965.01

Fund(s): Street and Utility CIP

**RECOMMENDATION:**

City staff and Freese and Nichols recommend award of a construction contract to Reytec Construction Resources, Inc. in the amount of \$10,715,524.30 for Base Bid 1 (PCC) only for Staples Street from Kostoryz Road to Brawner Parkway project.

**LIST OF SUPPORTING DOCUMENTS:**

Project Budget  
Location Map  
Letter of Recommendation  
Presentation